STOIANOV, V.; BEDELIAN O.

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Vol. 8, no. 7, 1959

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STOIANOV, VASIL

Stoianov, Vasil Gorska tekhnologiia za IV kurs VII kl. na gorskite Tekhnikumi. Sofiya (Narodna prosveta) 1952 132 p. (Technology of wood; a textbook for the 4th year in schools of forestry. Illus.)

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L C., VOL. 3, NO. 1, Jan. 1954, Uncl.

STOIANOV, V.
"Balsam resin and pine tree kindling, turpentine, and colophony" (p.27). PRIRODA
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SO: East European Accessions List Vol 3 No 8 Aug 1954

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Gorsko Stopanstvo, Sofiya, Vol 10, No 6, 1954, p. 374

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STOIANOV, V.

Stoianov, V. Our plants with tanning substances. p.343.

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Questions of forestry in the work of the Tarand Faculty Scientific Session at the Dresden Polytechnic held on June 15 and 16, 1956, p. 402.
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BRONNOV, V.

AGRICULTURE

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"Establishing a high productive willow forest service."

p. 17 (Gorsko Stopanstvo, Vol. 14, no. 5, 1958, Sofiia, Bulgaria)

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STOIANOV, V.: KOLEV, D.

"Tannins in basket willows in relation to the age of the willow and the season when the bark is removed"

Khimiia i industriia. Sofiia, Bulgaria. Vol. 30, no. 3, 1958.

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STOIANOV, Vasil

Beech nut as fodder and oil-bearing raw material. Priroda Balg 13 no. 2:93-94 Mr-Ap '64.

1. Corresponding Member of the Bulgarian Academy of Sciences.

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STOIANOV, Velichko, inzh.

A method for computing parameters of blasting in the open-pit mines and quarries. Tekhnika Bulg 13 no.6:17-19 '64.

STOIANOV, V., insh.; SUBCHEV, B., insh.

Bulgarian fast PCH-75 hammer drill. Min delo 16 no.12:5 '61.

1. Zaved 13, Kasanluk.

(Hammer) (Mining machinery)

PASHOV, P., inzh.; STOIANOV, Y., inzh.; ATANASOV, B., inzh.

Possibilities of increasing labor productivity through the mechanized transportation of ores in the layer and subdrift systems of mining. Min delo 17 no.9:13-17 S '62.

1. "Niproruda".

PASHOV, P., inzh.; STOIANOV, Ves., inzh.; ATANASOV, B., inzh.; DANOV, Vl., inzh.; KHRISTOV, Khr., inzh.

Ways of improving the system of ore layer cavings by flexible flooring and metallic bracing. Min delo 18 no.7:15-20 Jl '63.

1. "Niproruda" (for Pashov, Stoianov, And Atanasov). 2. Minnogeolozhki institut (for Danov). 3. DMP "Gorubso" (for Khristov).

STOIANOV, Ves., inzh.; PASHOV, P., inzh; AT[redacted]ASOV, B., inzh.; IANAKIEV, G., kand. na tekhn. nauki inzh.; SUIKOV, B., inzh.

National systems in mining large copper-poor ore deposits in the Elshitsa Mine, Panagyurski Mini State Mining Enterprise. Min delo 18 no.8:11-1[redacted]63.[redacted].

1. Miproruda (for Stoianov, Pashov, Atanasov).
2. Minno-geolozhki institut (for Ianakiev).
3. DP "Panagiurski m ni" (for S'ikov).

PASHOV, P., inzh.; STOIANOV, Ves., inzh.

Making ventilation openings by deep blasting. Min delo 18 no.9:26-30 S '63.

STOIANOV, Vl. TSv.; MIKHALEVSKI, Rost.

Rheumatic disease (Sokolskii-Bouillaud disease) in students of the city of Purvomai. Suvrem.med.,Sofia 2 no.1:46-53 '60.

1. Iz Gr. bolnitsa - Purvomai. Gl. lekar: Nacho Barunov.
(ENDOCARDITIS SUBACUTE BACTERIAL in inf.& child.)

STOIANOV, Z.

Male sterility and its diagnosis. Khirurgiia, Sofia 8 no.1: 40-45 1955.

1. I rodilen dom "Tina Kirkova" - Sofiia. Glaven lekar: prof. G. Boiadzhiev.
(STERILITY, MALE, diagnosis)

STOIANOV, Z.

Case of morbus haemolyticus neonatorum caused by Rh_0 incompatability. Khirurgiia, Sofia 8 no.3:244-247 1955.

1. I Rodilen dom Tina Kirkova-Sofiia. Glaven lekar: prof. G. Boiadzhiev.
(Rh FACTORS,
Rh_0 incompatability causing fetal erythroblastosis)

STOIANOV, Zaprian

National conference on the preserving and processing of cereals and bread making. Tekh delo no.453:2 7 Jl '62.

1. Predsedatel na Cektsiiata po khranitelna promishlenost pri Nauchno-tekhnicheskiia suiuz.

SHCHAMOV, Zaprian

National scientific and technical conference on urgnet problems in the canning and preserving industries. Tekh delo 502 2 7D '63.

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"Grass Vegetation as an Indicator of Forest Location in the Studies of Beech Forests on the Petrokhan Mountain." p.83 (IZVESTIIA, Vol 2, 1951, Sofiya.)

SO: Monthly List of ~~Russian~~ East European Accessions, Library of Congress, March 1953, Uncl.

SOLIAN, ZH.

"Materials for Studying the Variation of Soil Moisture under Different Plants." p.171 (Izvestiia, Vol. 2, 1951, Sofiya.)

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"Standardization of the centrifugal fans in Bulgaria."

p. 3[illegible] (Ratsionalizatsiia, Vol. 7, no. 11, Oct. 1957, Sofiia, Bulgaria.)

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[illegible], [illegible].

[illegible] the dimensions of the operative wheel of the centrifugal fan. p. 13

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Incl.

ST [illegible], 2P.

"The ventilation complex, a big, still unused reserve."

TEZHKA PROMYSHLENOST, Sofiia, Bulgaria, Vol. 8, no. 5, Mar. 1959

Monthly List of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

STOIANOV, Zhivko, inzh.

Parasitic loss at the centrifugal ventilators. Tekhnika 10 no.9: 20-23 '61.

1. VMKO "Mashproekt".

(Centrifugal force) (Ventilation)

STOIANOV-HEMIZEV, Asen

Some improvements respecting the preparation of cutting tools, in the D. Kaliashki State Industrial Enterprise, Kystendil. Durvombel prom 6 no.1:24-25 Ja-F '63.

1. Nachalnik OTK pri DIP "D. Kaliashki", Kystendil.

BASHEVA, L.; BAKALOVA, S., studentka; STOIANOVA, A., studentka; DISHLIEVA, N., studentka; ALEKSIEVA, T., studentka.

Recurrent of rheumatism in children and role of external factors. Suvrem. med., Sofia 7 no.11:76-78 1956.

1. Iz nauchniia studentski kruzhok pri Katedrata po detski bolesti pri VMI - Sofiia (Zav. katedrata Prof. L. Rachev) nauchni rukovoditeli: L. Basheva i T. Ianeva.
(RHEUMATISM, in infant and child,
recur., eff. of external factors (Bul))

SHAROV, Vl.; BLAGOEV, Khr.; STOIANOVA, B.; STEFANOVA, M.

Stability of the anticyclonetype of weather over Bulgaria. Khidro i meteorolog 6 10-20 '63.

1. Chlen na Redaktsionnata kolegiia, "Khidrologiia i meteorologiia" (for Blagoev).

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SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

BRAKALOV, B. inzh.; STOIANOVA, D., inzh.

Supply of electric power to the new residential complexes of Sofia. Electroenergiia 14 no.3:15-19 Mr'63

1. Energoproekt.

RACHEV, L., prof.; KIROV, Iv.; STOIANOVA, L.; NINOVA, P.

Enuresis nocturna in children and its therapy. Suvrem.med., Sofia 5 no.11:3-10 1954.

1. Iz detskata klinika pri Med. akademiia V. Chervenkov - Sofiia (direktor: prof. L. Rachev)
(ENURESIS,
nocturnal, ther.)

MARINOV, D.; STATEVA, St.; STOIANOVA, L.; AITOVA, V.

Pneumonia in infants. Suvrem.med., Sofia 5 no.11:46-55 1954.

1. Iz Katedrata po detski bolesti pri Med. Akademiia Vulko Chervenkov. (direktor: prof. L. Rachev)
(PNEUMONIA, in infant and child.)

Mishinski, I.

"Sanitation Service Organized in Hospitals." p. 3,
(ZDRAVEN FRONT, No. 49, Dec. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

STOIANOVA, L.; NEICHEV, Sl.

Salmonella sepsis in newborn. Suvrem.med.,Sofia 6 no.5:113-116 1955.

1. Iz katedrata po mikrobiologiia 9direktor; akad: Vl.Markov) i Katedrata po detski bolesti (direktor: prof. L.Bachev) pri Vissshiia meditsinski institut V. Chervenkov-Sofiia.

(SALMONELLA INFECTIONS, in infant and child, newborn, septicemia
(SEPTICEMIA AND BACTEREMIA, in infant and child, newborn, Salmonella)
(INFANT, NEWBORN, diseases, Salmonella septicemia)

RACHEV, L., Prof.; STATEVA, St.; MARINOV, D.; STOIANOVA, L.; ANTOVA, V.

Diet therapy of acute diarrhea and in nutrition disorders in children. Suvrem. med., Sofia 7 no.8:55-63 1956.

1. Iz Katedrata po detski bolesti pri VMI; Sofiia. (Zav. katedrata: prof. L. Rachev).
(DIETS, in various dis.
infant nutrition disorders)
(INFANT NUTRITION DISORDERS, ther.
diets)

AVRAMOV, A.; KOSHEV, L.; STOIANOVA, L.; BOZADZHIEVA, E.

A case of adrenogenital syndrome in a 5-year-old child caused by a tumor of the adrenal cortex successfully treated by surgery. Khirurgiia, Sofia 13 no.5:528-531 '60.

1. Iz Katedrite po bolnichna khirurgiia, po detskim bolesti i po bolnichna terapiia pri VMI, Sofiia.
(ADRENOGENITAL SYNDROME in inf & child)

GIZOV, T.; IVANOVA, M.; IANEVA, T.; STOIANOVA, L.; DAMIANOVA, TSV.

The frequency and course of rheumatism in pre-school and school age. Nauch. tr. vissh. med. inst. Sofia 40 no.1:177-190 '61.

1. Predstavena ot prof. L. Rachev, rukovod. na Katedrata po detski bolesti.

(RHEUMATIC FEVER in inf & child)

STOIANOVA, L.; IANEVA, T.

On the problem of acute poisoning in childhood. Nauch. tr. vissh. med. inst. Sofia 40 no.1:211-232 '61.

1. Predstavena ot prof. L. Rachev, rukovod. na Katedrata po detski bolesti.

(POISONING in inf & child)

MATEV, M.; TOSHKOV, As.; STOIANOVA, M.

On the diagnosis of rheumatic and subacute septic endocarditis. Suvrem med., Sofia no.3:49-58 '61.

1. Katedra po pripedevtika na vutreshnit bolesti, Visah meditsinski institut, Sofiya. (Rukovoditel na katedrata prof. Iv. Ionkov.) i Nauchno-issledovatelski institut po epidemiologiia i mikrobiologiia. (Direktor: Vl. Kalaidzhiev.)

(RHEUMATIC HEART DISEASE diag)
(ENDOCARDITIS SUBACUTE BACTERIAL diag)

GERDZHIKOV, L.; STOIANOVA, M.; MADZHAROVA, KH.

Treatment of anginas with penicillin combinations. Suvr. med. 14 no.5:14-15 '63.

(PENICILLIN) (TONSILLITIS)

GANCHEVA, T.; STOIANOVA, N.

Influence of certain technological factors on the strength indexes of hard polyvinyl chloride pipes. Khim i industriia 34 no.6:222-225 '62.

STOIANOVA-IVANOVA, B.; STOIANOVA, R.

Obtaining polyhydroxyindones through fusion alkaline indone-polysulfonic acides. Doklady BAN 14 no.6:611-614 '61.

1. Note presentee par D. Ivanov, membre de l'Academie bulgare des Sciences.

STOIANOVA, Zh., asistent; MARKOVA, M., laborantka.

Effect of sleep therapy on gastric secretion in peptic ulcer. Nauch. tr. ISUL, Sofia 2 no.1:51-57 1953.

1. Katedra po vutreshni bolesti sus stomashno-chrevni i chernodrobni zaboliavaniia i lechebno khranene. Zav. Katedrata: prof. T. A. Tashev.

(PEPTIC ULCER, therapy,
sleep ther., eff. on gastric secretion.)
(SLEEP, therapeutic use,
peptic ulcer, eff. on gastric secretion.)
(GASTRIC JUICE,
secretion, eff. of sleep ther. in peptic ulcer.)

BRAILSKI, Khr., kand. na med. nauki; STOIANOVA, Zh.; DIMITROV, Ts.

Effect of medical diets and of sesamum oil on the course of peptic ulcer. Suvrem.med., Sofia 6 no.10:53-61 1955.

1. Iz Katedrata po vutreshni bolesti sus stomashno-chrevni i chernodrobni zaboliavaniia i lechebno khranene pri ISUL (zav. katedrata: prof. T.A.Tashev).

(PEPTIC ULCER, therapy,
diets & sesamum oil (Bul))
(DIETS, in various diseases,
peptic ulcer, with sesamum oil (Bul))
(OILS, therapeutic use
sesamum oil, in peptic ulcer, with dietother. (Bul))

TASHEV, Tasho A., prof.; [illegible]

Dietetic regimens in case of experimental animals irradiated with sublethal doses of roentgen rays. Izv Inst khranene 2: 83-94 '63.

1. Chl.-kor. na Bulgarskata akademiia na naukite, chlen na Redaktionnata kolegiia i odgovoren redaktor, "Izvestiia na Instituta po khranene" (for Tashev).

STOIANOVA, Z.

Renal echinococcosis simulating nephrolithiasis. Suvrem. med., Sofia 8 no.4:85-86 1957.

1. Iz Vutreshnogo otdelenie na okoliiskata bolnitsa - Plovdiv (Zav. otdelenietor: I. Tsonchev).

(KIDNEY DISEASES, differential diagnosis,
echinococcosis from nephrolithiasis (Bul))
(KIDNEYS, calculi,
differ. diag. from echinococcosis (Bul))
(ECHINOCOCCOSIS, differential diagnosis,
kidney calculi (Bul))

[illegible], [illegible] ; IVANOV, [illegible]

[illegible] of [illegible] isolated from the [illegible] of the Bulgarian rose [illegible] the [illegible] of the [illegible] of the Bulgarian rose. [illegible] 1961.

[illegible], Bulgaria, Vol. 50, no. 2 1955/56 (published 1957)

[illegible] List of [illegible] (SEAI) LI, Vol. [illegible], no. 1 January 1960

Incl.

Composition of stearoptene from Bulgarian rose oil. II. Saturated hydrocarbons other than eicosane. D. Ivanov, Ch. Ivanov, and B. Stoianova-Ivanova (Univ. Sofia). *Compt. rend. acad. bulgare sci.* 7, No. 1, 17-20 (1954)(in French); cf. *C.A.* 48, 12373g.—The hydrocarbon fraction (I) (78.8%), obtained by passing stearoptene through alumina, is crystd. from EtOH, giving *eicosane* (II), m. 36° (62.1% of I). The mother liquors from II fractionally distd. at 0.7-0.8 mm., treated with Br in CCl_4 to remove unsatd. hydrocarbons present in I, redistd. twice at 0.4-0.5 mm., and the fractions crystd. from EtOH give *heptadecane* (III), m. 22.5-3.5°, b_{760} 301.1°, *nonadecane* (IV), m. 32.5-2.5°, b_{760} 328.5°, *heneicosane* (V), m. 40-1°, b_{760} 342.9°, and a fraction, m. 13-15°, b_{760} 276.4°, probably *pentadecane* (VI) contaminated with *hexadecane* (VII). No *octadecane* (VIII) is isolated. Detg. the b.pts. of II and VII and graphic inter- and extrapolation gives the following values (compd. and b.p./0.4 mm. given): VI, 81°; VII, 86°; III, 96°; VIII, 102°; IV, 108°; II, 114°; V, 120°. A. W. S.

STOIANOVA-IVANOVA, N.

Composition of saturated hydrocarbons in the wax of Bulgarian roses.
In French with Russian summary. p. 33.
Vol. 8, no. 2, Apr./June 1955, DOKLADY, SOFIYA, BULGARIA.

Source: East European Accessions List, (EEAL) Library of Congress
Vol. 5, No. 10. Oct. 1956.

STOIANOVA-IVANOVA, B.

Distr: 4E3d

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The alkaline fusion of indanonesulfonic acids. I. A new method for the preparation of 2-(p-hydroxyphenyl)-3-phenylindanone. B. Stoianova-Ivanova and L. Vladovska (Univ. Sofia, Bulgaria). Compt. rend. acad. bulgare sci. 11, 101-4(1958)(in French); cf. C.A. 49, 10066.—Sulfonation of 1.000 g. 2,3-diphenylindanone (I) in 30 ml. concd. H_2SO_4 6 hrs. at room temp. gave 1.2260 g. 2-(p-sulfophenyl)-3-phenylindanone Na salt (II), m. 278-80° or 345-6° (polymorphs, orange and yellow, resp.); benzylisothiouronium salt, m. 188-90°. II was unaffected by alk. fusion at 150-80°. At 250° ring cleavage occurred without displacement of the sulfo group. Alk. fusion of II at 280° gave 78% o-[1-phenyl-3-(p-hydroxyphenyl)vinyl]benzoic acid (III), m. 122.5-4.0°. III boiled 4 min. in 0.25% $ZnCl_2$ in 1:1 HOAc-Ac_2O gave 81% 2-(p-hydroxyphenyl)-3-phenylindanone (IV), m. 177-9°; Bz deriv., m. 143-5°. IV can thus be obtained from I in 60% over-all yield. Fusion of III with $ZnCl_2$ gave 55% impure IV.

Olden E. Paris

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STOIANOVA-IVANOVA, MLADENOVA, K.

Sulfonation of methyl -2- phenyl -3- indone and fusion of alcaline of obtaining monosulfonique acid. Doklady BAN 14 no.4:365-368 '61.

1. Note presentee par D. Ivanoff [D. Ivanov] membre de l' Academie.

STOIANOVA-IVANOVA, B.; STOIANOVA, R.

Obtaining polyhydroxyindones through fusion alkaline indone-polysulfonic acides. Doklady BAN 14 no.6:611-614 '61.

1. Note presentee par D. Ivanov, membre de l'Academie bulgare des Sciences.

STOIANOVA-IVANOVA, B.; KOLAROVA, E.

Composition of saturated fat acids in the wax of the petal concrete of the Bulgarian roses. Doklady BAN 15 no.2:151-153 '62.

1. Note présentée par D. Ivanoff [Ivanov, D.], membre de l'Académie et membre du Comité de rédaction "Doklady Bolgarskoy Akademii Nauk."

L 00160-66 EWP(j) RM

ACCESSION NR: AP5025553

BU/0011/65/018/002/0141/0144

AUTHOR: Stoianova-Ivanova, B.; Nikolova, D.; Tzvetkova, V.

TITLE: Unsaturated hydrocarbon content in wax from concentrated attar of Bulgarian rose petals

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 2, 1965, 141-144

TOPIC TAGS: hydrocarbon, wax, botany

ABSTRACT:

D. Ivanoff et al. (Compt. rend. Acad. bulg. Sci., 8, 1955, No 2, 33) studied earlier the hydrocarbon composition of the wax from concentrated attar of Bulgarian roses. In the present investigation, using the same raw material, the authors established the amount and the structure of various unsaturated hydrocarbons found in wax from concentrated attar of Bulgarian roses. The results are presented in the form of tables. Since the hydrogenation of unsaturated hydrocarbons can lead to saturated ones, the authors suspect that this could, perhaps, be the path followed by vegetable cells during their production of saturated hydrocarbons with even or odd number of carbon atoms. Orig. art. has: 2 tables.

Card 1/2

L 00160-66

ACCESSION NR: AP5025553

2

ASSOCIATION: Chaire de chimie organique de l'Universite de Sofia (Department of Organic Chemistry, Sofia University) 44

SUBMITTED: 00 ENCL: 00 SUB CODE: OC, LS

NR REF SOV: 000 OTHER: 009 JPRS

Card 2/2

L 00159-66 EWP(j) RM

ACCESSION NR: AP5025554 BU/0011/65/018/002/0145/0148

AUTHOR: Hadjieva, P.; Stoianova-Ivanova, B.

TITLE: Composition of alcohols found in wax from concentrated attar of Bulgarian rose petals

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 2, 1965, 145-148

TOPIC TAGS: alcohol, wax, botany

ABSTRACT: This is a continuation of earlier studies of D. Ivanoff et al. (Comnt. rend. Acad. bulg. Sci., 8, 1955, No 2, 33) concerning the chemical composition of concentrated attar of Bulgarian rose petals. This time the authors concentrated on the composition of the alcohol fraction of the same wax used during the earlier phases of the research. Tests uncovered the following normal saturated alcohols: ($C_{20}H_{41}OH$), docosanol-(1) ($C_{22}H_{45}OH$), tetracosanol-(1) ($C_{24}H_{49}OH$), hexacosanol-(1) ($C_{26}H_{55}OH$), and octacosanol-(1) ($C_{28}H_{57}OH$). Orig. art. has: 2 tables.

Card 1/2

L 00159-66

ACCESSION NR: AP5025554

2

ASSOCIATION: Chaire de chimie organique de l'Universite de Sofia (Department of Organic Chemistry, Sofia University)

14

SUBMITTED: 00 ENCL: 00 SUB CODE: OC, LS

NR REF SOV: 001 OTHER: 005 JPRS

Card 2/2

STOIANOVA-VASILEVA, A.

Stratigraphic distribution of the Lower Cretaceous Belemnites in Bulgaria. Spis Bulg geol druzh 25 no.2:137-140 '64.

STOLANCVICI, I.

TECHNOLOGY

Periodicals: METALURGIA SI CONSTRUCTIA DE MASINI. Vol. 10, no. 5, May 1958

STOLANCVICI, I. Electric welding of rails by means of electric current supplied by the aerial contact line of a tramway. p. 444.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2, February 1959, Unclass.

SALAGEAN, T.; HRELESCU, M.; STOIANOVICI, P.

Some considerations on protection substances in ceramic flux.
Studii tehn Timisoara 7 no.3/4:287-296 Jl-D '60.

SALAGEAN, Tr.; HRELESCU, M.; STOIANOVICI, P.; BÁR, F.

Action of aluminum oxide on ceramic fluxes. Studii tehn Timiscara 9 no.1/2:19-28 '62.

SALAGEAN, T.; HRELESCU, M.; STOIANOVICI, P.

Alloying of low-carbon steel with chromium and manganese in electric arc. Studii tehn Timisoara 9 no.1/2:7-17 Ja-Je '62.

S/137/62/000/011/036/045
A006/A101

AUTHORS: Salagean, Traian, Hrelescu, Mircea, Stoianovici, Petre

TITLE: Alloying soft steels with chromium and manganese in an electric arc

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 11, 1962, 7, abstract 11E42 ("Zvaranie", 1962, v. 11, no. 5, 139 - 141, Slovak.; summaries in Russian, German and English)

TEXT: The authors present results of research work conducted in the welding department of the Laboratory of technical materials at the Technical Institute in Timishoar (RNR). The process of alloying built-up metal in arc hardfacing of low carbon steels was studied. In manual welding the alloying elements were added to the coating, and in automatic welding to the ceramic fluxes. Alloying with two elements, Cr and Mn, is discussed. The Mn content in the built-up metal varied within a range of 0.7 - 16.5%. At a Mn content as high as 2 - 2.5%, martensite appears; at 3.1 - 3.2% the structure becomes entirely martensitic and at 3.5 - 4.0% austenite appears and cracks are forming. Hardness of the built-up metal with variable Mn content is highest at 3.1 - 3.2%. The Cr

Card 1/2

content in the built-up metal varied between 2.5 to 12.5%. Already at a Cr content as high as 2.0 - 2.5 %, secondary cementite appeared and hardness increased. At a further gradual increase of the Cr content acicular ferrite austenite and δ-phase appear in the structure, and the hardness of the built-up metal decreases. The hardness of the built-up metal is not a decisive factor, predetermining the proneness to crack formation. The structure plays also an important part: in case of a homogeneous and fine-grained structure, cracks are not formed. Fields for the use of ceramic Fe-Mn and Fe-Cr containing fluxes are recommended.

Ye. Malinovskaya

[Abstracter's note: Complete translation]

STOIANOVICI, P.; SALAGEAN, T.; HRELESCU, M.

Installations for the automatic beading of the used bandages in tramway wheels. Studii tehn Timisoara 9 no.1/2:163-170 Ja-Je '62.

SALAGEAN, Tr.; STOIANOVICI, P.; [illegible], M.

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AUTHOR: Stoica, C.--Stoyka, K.

ORG: none

TITLE: Some stratigraphic considerations concerning the Tazlau Basin and the Flysch Zone

SOURCE: Petrol si gaze, v. 16, no. 9, 1965, 459-463

TOPIC TAGS: paleontology, stratigraphy

ABSTRACT: The author establishes the delimitation between Eocene and Oligocene layers in the Eastern Carpathians on micropaleontologic grounds. The Aquitanian portion is assigned to the Miocene layer on the basis of lithologic, microfauna and similarity criteria. Orig. art. has: 1 figure. [Based on author's Eng. abstract] [JPRS]

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